

APPENDIX 1

CLEAN COPY OF THE AMENDED PARAGRAPHS

Page 1, lines 6-16 of the specification now reads as follows:

This application is related to the co-pending U.S. Patent Application Serial Nos. 09/352,678 filed July 14, 1999, now U.S. Patent 6,499,006; 09/318,840 filed May 26, 1999, now U.S. Patent 6,317,599; 09/318,841 filed May 26, 1999; and 09/318,842 filed May 26, 1999, now U.S. Patent 6,493,679; and is also related to the concurrently filed applications having U.S. Serial Nos. 09/632,853, entitled "Method and System for Designing or Deploying a Communications Network which Considers Component Attributes "; and 09/633,133, entitled "Method and System for Designing or Deploying a Communications Network which Allows the Simultaneous Selection of Multiple Components", all of which are assigned to a common assignee, and the subject matter of these applications is incorporated herein by reference.

The paragraph bridging pages 11 and 12, beginning on page 11 at line 25, now reads as follows:

Estimated partition electrical properties loss values can be extracted from extensive propagation measurements already published, which are deduced from field experience, or the partition losses of a particular object can be measured directly and optimized instantly using the present invention combined with those methods described in the copending application Serial No. 09/221,985, entitled "System for Creating a Computer Model and Measurement Database of a Wireless Communication Network" filed by T. S. Rappaport and R. R. Skidmore. Once the appropriate physical and electrical parameters are specified, any desired number of hardware components of RF sources can be placed in the 3-D building database, and received signal strengths (RSSI), network throughput, bit or frame or packet error rate, network delay, or carrier-to-interference (C/I), carrier-to-noise (C/N), or chip energy to interference (E_c/I_o) ratios can be plotted directly onto the CAD drawing.

The 3-D environment database could be built by a number of methods, the preferred method being disclosed in the concurrently filed, copending application Serial No. 09/318,841. Traffic capacity analysis, frequency planning, co-channel interference analysis can be performed in the invention along with RF coverage. Other system performance metrics may be easily incorporated by one skilled in the art through well known equations.
